

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : Imai
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Commissioner for Patents
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Appendix A

1. (Currently amended) A method to detect distinguish rheumatoid arthritis from osteoarthritis by detecting at least the upregulation of expression of WNT10B in joint synovial fluid ; and in joint synovial tissue ~~or in peripheral blood~~.

2. (Currently amended) The method to detect distinguish rheumatoid arthritis from osteoarthritis of claim 1, wherein at least the upregulation of expression of WNT10B is detected by RT-PCR analysis.

3. (Currently amended) The method to detect distinguish rheumatoid

arthritis from osteoarthritis of claim 1, wherein at least ~~inhabitation~~ inhibition of expression of ~~FRP~~ FRP1 is detected in parallel.

4. (Currently amended) The method to ~~detect~~ distinguish rheumatoid arthritis from osteoarthritis of claim 2, wherein at least ~~an-inhabitation~~ inhibition of expression of ~~FRP~~ FRP1 is detected in parallel.